

ABSTRACT

A multi-terrain amphibious vehicle for travel across various types of surfaces and upon various bodies of water. The vehicle has an elongated longitudinally extending chassis having a bottom surface having a centerline. A plurality of left side propulsion units and a plurality of right side propulsion units extend inwardly toward the centerline and they are supported by the chassis. A vehicle body having a passenger compartment is mounted on the chassis. A source of drive power is mounted on the chassis. Power transmission structure connects the drive power structure to the driven axles of the respective left and right side propulsion units. The propulsion units each have a plurality of cam-shaped wheels mounted on each driven axle. The cam-shaped wheels are oriented on the driven axle so that there will always be an arcuate perimeter segment of one of the cam-shaped wheels positioned to contact the ground surface during each 360 degree rotation of the driven shaft.